the smart way to boost productivity

Productivity pays big dividends: That's why smart organizations rely on the Philips 230W5 with SmartManage - remote, LAN-based monitor management - for tasks that demand a big, wide screen and multiple function display to get the job done.

Outstanding front of screen performance
- WUXGA, wide format 1920x1200 resolution for sharper display.
- Fast response time capable of handling fast moving pictures
- Widest viewing angle up to 176 degree for extra efficiency
- Dual Input accepts both analog VGA and digital DVI signals

Maximum comfort for maximum productivity
- SmartManage manages display devices remotely
- Big, widescreen ideal for viewing two A4 pages side-by-side
- Large viewing area for seeing more images without scrolling
- Easy to access connections on a front to improve efficiency
- Screen tilt and swivel adjustment for ideal viewing angle

Multi-function for ultimate convenience
- A solid-state 6-in-1 card reader for easy media access
- Easy connection via hi-speed USB 2.0 Hub to any USB devices
- Built-in speakers with output power up to 3Wx2 (48W PMPO)

Great convenience
- Easy plug and play DVI ensures true digital experience
- Embedded power supply eliminates external power adaptors
- VESA mounting pattern for easy wall mounting of display

BRILLIANCE

PHILIPS

23 inch LCD Monitor

Commercial Specifications

Picture/ Display

• LCD Panel Type	1920 x 1200 pixels, Anti-glare Polarizer, RGB Vertical Stripe
• Panel Size	23" wide / 58.4 cm
• Effective Viewing Area	495.4 x 309.6 mm
• Pixel Pitch	0.258 x 0.258 mm
• Brightness (nits)	250
• Contrast Ratio	500:1
• Display Colors	16 M
• Viewing Angle (C/R > 10)	- Horizontal : 176° - Vertical : 176°
• Response Time	16 ms
• White Chromaticity, 6500° K	x = 0.313 / y = 0.329
• White Chromaticity, 9300° K	x = 0.283 / y = 0.297
• Maximum Resolution	1920 x 1200 @ 60Hz
• Recommended Resolution	1920 x 1200 @ 60Hz
• Factory Preset Modes	20 modes
• User Definable Modes	15 modes
• Horizontal Scanning Frequency	30 - 94 KHz
• Refresh Rate (V)	56 - 85 Hz
• Aspect Ratio	16:10

Connectivity

• Audio Input for PC	3.5mm Phone Jack x 2
• Other Connections	Stereo Line Out Jack
• Signal Input	Analog (VGA), DVI-I
• USB	USB 2.0

Convenience

• Built-in Audio	3W RMS x 2 Stereo Speakers
• Convenience Enhancements	On-screen Display SmartManage
• Monitor Controls	Auto, Brightness Control, Left/Right, Menu (OK), Power On/Off, Up/Down, Volume Control
• OSD Languages	English, French, German, Italian, Simplified Chinese, Spanish, Japanese
• Other Convenience Features	Kensington Lock
• Plug & Play Compatibility	DDC/CI, Windows 98/ME /2000/XP
• Regulatory Approvals	CE Mark, FCC-B, UL, CSA, NUTEK, Energy Star, SEMKO, TCO '03, TÜV/GS, TÜV Ergo
• Swivel	+/- 170°
• Tilt	-5° to 20°
• VESA Mount	100 mm x 100 mm

Accessories

• User Manual	Yes
• Included Accessories	AC Power Cord, DVI-D Cable, PC Audio Cable x 2, USB Cable, VGA Cable

Dimensions

• Depth (with base)	250 mm
• Height (with base)	452 mm
• Width (with base)	548 mm
• MTBF	50,000 (excl. CCFL 40,000) hrs
• Relative Humidity	20 % - 80 %
• Temperature Range (Operation)	5°C to 35°C
• Temperature Range (Storage)	-20°C to 60°C
• Weight	9 kg

Power

• Complies With	Energy Star, NUTEK
• Consumption	90 W (Typical)
• Off Mode	≤ 2 W
• Power LED Indicator	Operation, Blue; Stand by/Sleep, Amber
• Power Supply	Built-in

Product Highlights

WUXGA, wide format 1920 x 1200
Wide format of Ultra Extended Graphics Array, a display specification that is capable of displaying 1920 x 1200 resolution, or approximately 2.3 million pixels.

Fast response time
The amount of time it takes for a liquid crystal cell to go from active (black) to inactive (white) and back to active (black) again. It is measured in milliseconds. Lower numbers mean faster transitions and therefore result in fewer visible image artifacts.

Widest viewing angle
The widest viewing angle up to 176 degree provides the clearest display from any angle.

Dual Input
Connectors to accommodate input of both analog VGA and digital DVI signals.

SmartManage
A system for monitoring, managing and checking status of display devices as well as delivering remote support to users who experience difficulties all accomplished over a LAN.

Big, widescreen
Big, widescreen improves productivity by displaying two A4 pages side-by-side.

Large viewing area
The visible portion of a monitor screen available to display data.

Front connections
User friendly design places a USB 2.0 hub and a universal card reader (UCR) on the front side of monitor to improve efficiency.

Screen tilt and swivel
Movement of a screen to attain the ideal viewing angle.

Universal card reader (UCR)
A device reads data from portable media and transfers data to PC. It can read memory cards - SD/MMC, Memory Stick, Smart Media, and two types of Compact Flash - without an additional peripheral.

USB connectivity solution
A USB hub enables the speedy transfer of data between any kind of USB devices to USB-supported PC.

Built-in 6W speakers
A pair of high quality speakers with output power up to 3W x 2 (maximum) and 48W PMPO built into the stylish design to provide users the rich sound applications - without the cost and clutter of standalone speakers.

In-box DVI cable
A DVI cable is shipped with product.

Embedded power supply
A power adaptor built into the body of a display device that replaces a bulky external power adaptor.

VESA mounting holes
A unified industry standard for wall mounting IT equipment set by the Video Electronics Standards Association.

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